





SmartPatent(R) Workbench

File Edit Patent Image Note Library Settings Window Help

Search Custom Criteria

Search: ☐ Current Case ☐ Current Libraries ☐ Current Patent

Do Search Containing the Word(s):  
gender AND synthesiz\* AND (its OR (text-to-speech)) AND prosody

Save Search Close AND OR NOT  
Ret Saved Search W/5 W/10 W/25  
Word List Search Cancel

[63] Continuation of Ser. No. 62,363, May. 13, 1993, abandoned.

[51] Int. Cl. B ..... G10L 5/00 ↑

[52] U.S. Cl. .... 704/260; 704/266

[58] Field of Search ..... 395/2.09, 2.69, 2.79, 2.67; 704/260, 259, 270, 200, 266, 272, 276 ↑

[56] References Cited

U.S. PATENT DOCUMENTS

3,704,345 11/1972 Coker ..... 395/2.69

4,337,375 6/1982 Freeman ..... 395/2.69 ↑

4,397,635 8/1983 Samuels ..... 434/178

4,406,626 9/1983 Anderson et al. ... 395/2.69

4,779,209 10/1988 Stapleton et al. ... 395/2.69

5,151,998 9/1992 Capps ..... 395/000

5,278,943 1/1994 Gesper et al. .... 395/2 ↑

5,396,577 3/1995 Okawa et al. .... 395/2.69

OTHER PUBLICATIONS

Prediction and Conversational Momentum in an Augmentative Communication System Communications of the ACM, vol. 35, No. 5 May 1992. ↑

Primary Examiner—Richmond Dorvil  
Attorney, Agent, or Firm—Carr & Ferrell LLP

Search Results

Search Results from Library

162 5,850,629 22419  
85 5,850,064 22419

2 Found, 2 Selected

View List View Image

Close Previous View

DeSelect All

Create New Case

Add To:

Start Inbox Microsoft Outlook SOAP OPERA DIGEST SmartPatent(R) Work... 12:06 PM

MAYA Search Report Summary for 020712  
CUSTOMER REQUEST SUMMARY

Your request was:

>e003

>

>Word frequency list for document 020712

>

>---search-id---

>020712, v chawan

>---search-id---

>

>---word freq---

> 2 above	1 abstract
> 1 accent	2 accomplish
> 1 accomplished	3 accomplishing
> 11 accordance	4 according
> 1 accordingly	1 actual
> 2 adaptable	2 add
> 2 addition	5 additional
> 4 adjusting	6 adjustor
> 1 advanced	2 age
> 2 also	2 analysis
> 78 and	3 animation
> 2 apparatus	2 applicable
> 1 are	1 art
> 4 articulation	1 ary
> 2 associated	1 automation
> 1 background	6 based
> 1 basis	1 been
> 6 beginning	1 bet
> 8 between	1 boundary
> 1 but	1 calculates
> 4 calculating	1 can
> 1 cancel	5 cfc
> 11 claim	3 claims
> 2 classified	2 classifying
> 1 commercial	2 communication
> 1 composed	7 comprises
> 4 comprising	1 computer
> 1 considerably	1 considered
> 1 consisting	2 contour
> 14 control	2 controlled
> 4 conventional	10 conversion

> 1 converted	6 converting
> 1 converts	1 counterpart
> 1 countries	1 cour
> 39 data	8 database
> 1 decibels	1 defined
> 3 defining	1 delay
> 1 depending	1 description
> 2 different	1 direct
> 1 discriminative	2 distance
> 11 distributed	4 distributing
> 16 distributor	1 distrihultor
> 3 dubbed	14 duration
> 26 each	1 editor
> 1 education	6 end
> 4 energy	2 enhancement
> 5 enhancing	2 environment
> 1 essential	1 every
> 1 expi	10 express
> 1 extent	5 february
> 2 field	1 fig
> 1 file	1 first
> 1 following	1 follows
> 52 for	1 forecast
> 1 foreign	1 forms
> 17 from	1 ftirther
> 1 function	2 functions
> 1 furction	2 further
> 3 furthermore	2 gender
> 1 generally	1 given
> 1 goes	1 graphic
> 2 has	1 have
> 1 hereinafter	1 heses
> 2 high	1 however
> 1 ijs	1 iml
> 2 implemented	3 implementing
> 2 impossible	2 included
> 3 includes	2 indicative
> 9 individual	103 information
> 24 input	8 inputted
> 4 interface	7 interlock
> 10 interlocking	2 interval
> 11 into	10 invention
> 1 ion	1 irom
> 1 its	1 jor
> 1 korean	7 language

> 14 lip	1 lips
> 1 ljs	3 location
> 1 look	1 lower
> 1 ltion	11 mail
> 2 main	1 making
> 1 man	2 manner
> 1 may	1 means
> 21 media	25 method
> 1 methods	2 mid
> 1 more	1 movie
> 11 moving	39 multimedia
> 10 natural	1 network
> 1 new	1 normalized
> 1 number	5 object
> 1 office	1 once
> 1 onl	4 only
> 2 onto	1 opening
> 3 order	4 organization
> 3 organized	10 organizing
> 3 other	7 output
> 5 outputting	1 paragraph
> 1 paramet	10 parameter
> 2 particularly	6 pattern
> 1 pause	25 phoneme
> 1 phrase	22 picture
> 3 pitch	2 please
> 12 point	1 points
> 1 possible	5 pre
> 1 prejudice	7 present
> 3 presume	4 presumed
> 1 presumes	4 presuming
> 2 prior	1 process
> 3 processing	22 processor
> 3 produce	4 produced
> 1 produces	4 producing
> 1 product	3 production
> 2 program	1 projection
> 1 propert	9 property
> 46 prosody	4 provide
> 1 provided	2 quality
> 1 quantized	1 rate
> 1 reads	2 realize
> 1 receiving	2 recognizable
> 1 referred	1 related
> 2 relates	8 required

> 2 respective	1 restricted
> 6 result	2 rule
> 7 said	6 same
> 3 screen	1 second
> 2 selecting	3 sentence
> 4 sentences	1 separate
> 1 series	1 serve
> 2 service	1 shal
> 8 shape	2 shaped
> 3 should	1 shown
> 9 signal	1 simple
> 2 since	2 situation
> 1 some	1 speec
> 46 speech	1 speecli
> 2 starting	3 step
> 5 steps	1 still
> 1 stored	5 stream
> 2 structure	3 studies
> 1 succession	6 such
> 1 sumi	1 symbol
> 3 symbolized	1 symbolizes
> 4 symbolizing	29 synchronization
> 1 synchronize	3 synchronized
> 1 syntax	1 syntheses
> 12 synthesis	28 synthesized
> 3 synthesizer	9 system
> 2 table	1 tex
> 32 text	2 than
> 2 that	207 the
> 1 them	1 then
> 4 there	2 therefore
> 1 thes	7 these
> 1 third	5 this
> 2 through	2 time
> 1 tjs	1 tqe
> 1 transmits	1 transmitting
> 1 tries	1 ttcl
> 25 tts	1 typically
> 16 unit	2 units
> 1 until	1 uppei
> 11 use	2 user
> 18 using	7 value
> 2 variety	1 vernacular
> 1 way	1 ween
> 4 when	11 wherein

> 3 which                   46 with  
> 5 within                  1 without  
> 1 wlth                   1 word  
> 1 words                  1 xpress

>

>---word freq---

>

>---number returned---

>50

>---number returned---

>

>---output options---

>abstracts

>exemplary claims

>field of search 10

>titles

>---output options---

>

#### Sales Order Summary:

Customer ID:       12573

Sales Transaction Nbr: 159290

Date Posted:       September 16, 1998

Product:           E003

Quantity:          50

#### E003       WORD FREQUENCY SEARCH REPORT

#### Top Referenced Classes (up to 50):

1. 704/260	Total=13	ORs=8	XR=5
2. 364/DIG. 1	Total=12	ORs=0	XR=12
3. 704/267	Total=8	ORs=3	XR=5
4. 704/268	Total=8	ORs=1	XR=7
5. 364/232.22	Total=6	ORs=0	XR=6
6. 704/258	Total=6	ORs=2	XR=4
7. 395/800.26	Total=5	ORs=4	XR=1
8. 395/377	Total=4	ORs=2	XR=2
9. 345/302	Total=3	ORs=2	XR=1
10. 364/260	Total=3	ORs=0	XR=3
11. 364/260.1	Total=3	ORs=0	XR=3
12. 364/DIG. 2	Total=3	ORs=0	XR=3

Top Closest Patents:

5386581	5481752	5396577	5615300	5677993
5787423	5673428	5682501	5777612	5202980
4429367	3704345	5220611	5696920	5617507
5511215	5748187	5452464	5636325	5517652
5794065	5740320	5633984	5774854	5682502
5621891	5715368	5719886	5692113	4924426
5220629	4577343	5557661	5115510	5483657
4811397	5404558	4337375	5734821	5539913
5745650	5542079	4975957	4470113	5648813
5146488	5652906	5671226	5369774	5293273